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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/978,333
Filing Date	October 15, 2001
First Named Inventor	Peter M. Glazer
Group Art Unit	1655
Examiner Name	
Attorney Docket Number	YU 132 (OCR 653)

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CM		BAUMANN, et al., "Role of the human RAD51 protein in homologous recombination and double-stranded-break repair," <i>Trends Biochem Sci</i> 23(7):247-251 (1998).	✓
		BEAL, et al., "Second structural motif for recognition of DNA by oligonucleotide-directed triple-helix formation," <i>Science</i> 251:1360-1363 (1991).	✓
		BEAL, et al., "The influence of single base triplet changes on the stability of Pur-Pur-Pyr triple helix determined by affinity cleaving," <i>Nuc. Acids Res.</i> 20(11):2773-2776 (1992).	✓
		BLUME, et al., "Triple helix formation by purine-rich oligonucleotides targeted to the human dihydrofolate reductase promoter," <i>Nucleic Acids Res.</i> 20:1777-1784 (1992).	✓
		BRENNEMAN, et al., "Stimulation of intrachromosomal homologous recombination in human cells by electroporation with site-specific endonucleases," <i>Proc. Natl. Acad. Sci. USA</i> 93(8): 3608-12 (1996).	✓
		CAMPBELL, et al., "Homologous recombination involving small single-stranded oligonucleotides in human cells," <i>New Biol.</i> 1(2):223-7 (1989).	✓
		CAPECCHI, "Altering the genome by homologous recombination," <i>Science</i> 244(4910): 1288-1292 (1989).	✓
		CHAN, et al., "Targeted correction of an episomal gene in mammalian cells by a short DNA fragment tethered to a triplex-forming oligonucleotide," <i>J. Biol. Chem.</i> 274(17): 11541-11548 (1999).	✓
		COONEY, et al., "Site-specific oligonucleotide binding represses transcription of the human c-myc gene in vitro," <i>Science</i> 241: 456-459 (1988).	✓
		DURLAND, et al., "Binding of triple helix forming oligonucleotides to sites in gene promoters," <i>Biochemistry</i> 30:9246-9255 (1991).	✓

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Cy		DUVAL-VALENTIN, et al., "Specific inhibition of transcription by triple helix-forming oligonucleotides," <i>Proc. Natl. Acad. Sci. USA</i> 89:504-508 (1992).	
		FARUQI, et al., "Triple-helix formation induces recombination in mammalian cells via a nucleotide excision repair-dependent pathway," <i>Mol Cell Biol</i> 20(3): 990-1000 (2000).	
		FELSENFELD, et al., "Formation of a three-stranded polynucleotide molecule," <i>J. Am. Chem. Soc.</i> 79:2023-2024 (1957).	
		FRANCOIS, et al., "Sequence-specific recognition and cleavage of duplex DNA via triple-helix formation by oligonucleotides covalently linked to a phenanthroline-copper chelate," <i>Proc. Natl. Acad. Sci. USA</i> 86:9702-9706 (1989).	
		GLAZER, et al., "DNA mismatch repair detected in human cell extracts," <i>Mol. Cell. Biol.</i> 7:218-224 (1987).	
		GONCZ, et al., "Site-directed alteration of genomic DNA by small-fragment homologous replacement," <i>Methods Mol. Biol.</i> 133:85-90 (2000).	
		GRIGORIEV, et al., "A triple helix-forming oligonucleotide-intercalator conjugate acts as a transcriptional repressor via inhibition of NF kappa B binding to interleukin-2 receptor alpha-regulatory sequence," <i>J. of Biological Chem.</i> 267:3389-3395 (1992).	
		HANSON, et al., "Analysis of biological selections for high-efficiency gene targeting," <i>Mol. Cell. Biol.</i> 15(1):45-51 (1995).	
		HAYRE, et al., "Targeted mutagenesis of simian virus 40 DNA mediated by a triple helix-forming oligonucleotide," <i>J. Virology</i> 67:7324-7331 (1993).	
		HELENE, "Sequence-selective recognition and cleavage of double-helical DNA," <i>Curr. Opinion Biotechnology</i> 4:29-36 (1993).	

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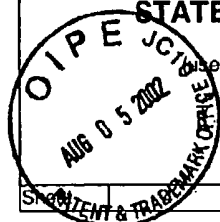


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Ch		ITO, et al., "Sequence-specific DNA purification by triplex affinity capture," <i>Proc. Natl. Acad. Sci. USA</i> 89:495-498 (1992).	✓
		JAKUBCZAK, et al., "Analysis of genetic instability during mammary tumor progression using a novel selection-based assay for in vivo mutations in a bacteriophage lambda transgene target," <i>Proc. Natl. Acad. Sci. USA</i> 93:9073-9078 (1996).	✓
		JONES, et al., "Preferential binding of the xeroderma pigmentosum group A complementing protein to damaged DNA," <i>Biochemistry</i> 32:12096-12104 (1993).	✓
		LETAI, et al., "Specificity in formation of triple-stranded nucleic acid helical complexes: studies with agarose-linked polyribonucleotide affinity columns," <i>Biochemistry</i> 27:9108-9112 (1988).	✓
		LIN, et al., "Extrachromosomal recombination in mammalian cells as studied with single- and double-stranded DNA substrates," <i>Mol. Cell Biol</i> 7(1):129-140 (1987).	✓
		LIN, et al., "Use of EDTA derivatization to characterize interactions between oligodeoxyribonucleoside methylenephosphonates and nucleic acids," <i>Biochemistry</i> 28:1054-1061 (1989).	✓
		LUO, et al., "High-frequency intrachromosomal gene conversion induced by triplex-forming oligonucleotides and injected into mouse cells," <i>Proc. Natl. Acad. Sci. USA</i> 97(16): 9003-9008 (2000).	✓
		MAHER, et al., "Analysis of promoter-specific repression by triple-helical DNA complexes in a eukaryotic cell transcription system," <i>Biochemistry</i> 31:70-81 (1992).	✓
		MAHER, et al., "Inhibition of DNA binding proteins by oligonucleotide-directed triple helix formation," <i>Science</i> 255:725-728 (1992).	✓
		MERGNY, et al., "Sequence specificity in triple-helix formation: experimental and theoretical studies of the effect of mismatches on triplex stability," <i>Biochemistry</i> 30:9791-9798 (1991).	✓

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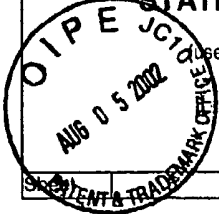


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		First Named Inventor	Peter M. Glazer
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On		MOSER, et al., "Sequence-specific cleavage of double helical DNA by triple helix formation," <i>Science</i> 238:645-650 (1987).	✓
		MYHR, "Validation studies with Muta Mouse: a transgenic mouse model for detecting mutations in vivo," <i>Environ. Mol. Mutagen</i> 18:308-315(1991).	✓
		NARAYANAN, et al., "Elevated levels of mutation in multiple tissues of mice deficient in the DNA mismatch repair gene Pms2," <i>Proc. Natl. Acad. Sci. USA</i> 94:3122-3127 (1997).	✓
		ORSON, et al., "Oligonucleotide inhibition of IL2R alpha mRNA transcription by promoter region collinear triplex formation in lymphocytes," <i>Nucleic Acids Res.</i> 19:3435-3441 (1991).	✓
		PARK, et al., "Formation of a ternary complex by human XPA, ERCC1, and ERCC4(XPF) excision repair proteins," <i>Proc. Natl. Acad. Sci. USA</i> 91:5017-5021 (1994).	✓
		PARRIS, et al., "Proximal and distal effects of sequence context on ultraviolet mutational hotspots in a shuttle vector replicated in xeroderma cells," <i>J Mol Biol.</i> 236:491-502 (1994).	✓
		PEI, et al., "Site-specific cleavage of duplex DNA by a semisynthetic nuclease via triple-helix formation," <i>Proc. Natl. Acad. Sci. USA</i> 87:9858-9862 (1990).	✓
		PERROUALT, et al., "Sequence-specific artificial photo-induced endonucleases based on triple helix-forming oligonucleotides," <i>Nature</i> 344:358-360 (1990).	✓
		POSTEL, et al., "Evidence that a triplex-forming oligodeoxyribonucleotide binds to the c-myc promoter in HeLa cells, thereby reducing c-myc mRNA levels," <i>Proc. Natl. Acad. Sci. USA</i> 88:8227-8231 (1991).	✓
		POSVIC, et al., "Sequence-Specific Alkylation of Double-Helix DNA by Oligonucleotide-Directed Triple-Helix Formation," <i>J. Am. Chem Soc.</i> 112:9428-9430 (1990).	✓

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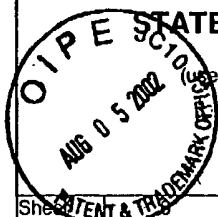
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CM		PRASEUTH, <i>et al.</i> , "Sequence-specific binding and photocrosslinking of alpha and beta oligodeoxynucleotides to the major groove of DNA via triple-helix formation," <i>Proc. Natl. Acad. Sci. USA</i> 85:1349-1353 (1988).	
		REARDON, <i>et al.</i> , "Removal of psoralen monoadducts and crosslinks by human cell free extracts," <i>Nucleic Acids Res.</i> 19:4623-4629 (1991).	
		SAMBROOK, <i>et al.</i> , MOLECULAR CLONING: A LABORATORY MANUAL, second edition, Cold Spring Harbor Laboratory Press, New York (1990).	
		SANCAR, "DNA excision repair," <i>Annu. Rev. Biochem.</i> 65:43-81 (1996).	
		SHIVJI, <i>et al.</i> , "Proliferating cell nuclear antigen is required for DNA excision repair," <i>Cell</i> 69: 367-374 (1992).	
		SIBGHAT-ULLAH, <i>et al.</i> , "Human nucleotide excision repair in vitro: repair of pyrimidine dimers, psoralen and cisplatin adducts by HeLa cell-free extract," <i>Nucleic Acids Res.</i> 17:4471-4484 (1989).	
		STROBEL, <i>et al.</i> , "Site-specific cleavage of human chromosome 4 mediated by triple-helix formation," <i>Science</i> 254:1639-1642 (1991).	
		SUNG, <i>et al.</i> , "Recombination factors of <i>Saccharomyces cerevisiae</i> ," <i>Mutat Res</i> 451:257-75 (2000).	
		TAKASUGI, <i>et al.</i> , "Sequence-specific photo-induced cross-linking of the two strands of double-helical DNA by a psoralen covalently linked to a triple helix-forming oligonucleotide," <i>Proc. Natl. Acad. Sci. USA</i> 88:5602-5606 (1991).	
CM		THACKER, "A surfeit of RAD51-like genes?," <i>Trends Genet</i> 15(5):166-8 (1999).	

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Cm		VASQUEZ, et al., "Chromosomal mutations induced by triplex-forming oligonucleotides in mammalian cells," <i>Nucleic Acids Res.</i> 27:1176-1181 (1999).	
		WANG, et al., "Mutagenesis in mammalian cells induced by triple helix formation and transcription-coupled repair," <i>Science</i> 271: 802-805 (1996).	
		WANG, et al., "Targeted mutagenesis in mammalian cells mediated by intracellular triple helix formation," <i>Mol. Cell. Biol.</i> 15:1759-1768 (1995).	
		WOOD, et al., "Complementation of the xeroderma pigmentosum DNA repair defect in cell-free extracts," <i>Cell</i> 53:97-106 (1988).	
Cm		YOUNG, et al., "Triple helix formation inhibits transcription elongation in vitro," <i>Proc. Natl. Acad. Sci. USA</i> 88:10023-10026 (1991).	

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